Model	Standards		VCO	VCO	Tracking		Static		Received		No	Output	Jitter			Acq				
#	Supported				Range		Phase		Clock Skew		Data	Jitter	Tolerance			Time	t rise	t fall	Vcc	Icc
			Mhz	Int/Ext	MBPS		Error		nsec		Run	ρ=1	Unit Intervals PP			ρ=1/2	max	max		
					Min	Max	2^7/^23-1 PRNS		Min	Max	Bit Periods	2^7/^23-1 PRNS				ζ=5	nsec	nsec	Volts	mA
							°25C	Tmax				Max				2*10^6 Bit Periods				
NON REGENERATION APPLICATIONS																				
AD800-45	DS-3		44.736	Int	43	45.5	10°	11.5°	0.2	1	240	4.7° RMS	6.5 @2.3KHz	.47 @30KHz	.47 @1MHz		1.5	1.5	-5.2V	205
AD800-25	STS-1		51.84	Int	49	53	↓	↓	↓	↓	↓	↓	830 @30Hz	7.4 @2KHz	.47 @20KHz	8*10^5	↓	↓		
AD800-155	STS-3	STM-1	155.52	Int	155	156	30°	37°	↓	↓	↓	9.7° RMS	2 @6.5KHz	.26 @26KHz		↓	↓	↓		
REGENERATION APPLICATIONS																↓				
AD803	PON's		20.48	Int	19.1	20.5	30° typ		1.95	13.6	1000	5.8° RMS	795 @10Hz	7.95 @1KHz	.95 @10KHz	3*10^5	18.2	8.6		
AD805	G.958 TYPE A or B		155.52	Ext	± 7.7KHz		33°	33°	0.2	1.1	500	1° RMS	125 @30Hz	2.2 @6.5KHz	.65 @1MHz	44	1.5	1.5	+5 or -5.2V	95
	AD807 w/ ON CHIP QUANTIZER																			
AD807	G.958 TYPE A		155.52	Int	155	156	20°	20°			NS	2.7° RMS	4.5 @6.5KHz	.45 @65KHz	.45 @1MHz	8*10^5	NS	1.5	+5V	37
AD808	OC-12, SDH STM-4		622	Int																
FREQUENCY SYNTHESIZER, 9.72 or 19.44MHZ INPUT																↓				
AD809	SDH	SONET	155.52		9.719	9.721						2.4° RMS typ					NS	1.5	+5V	28
AD809	SDH	SONET	155.52		19.438	19.442						↓								
UTP Category 5, or FTM 175M Cable																				
			Frequency Synthesizer		**Oscillator Circuit**		**Clock Recovery PLL**													
			Input	**Output**	**Center**	**Freq**	**2^23-1I nput**					**Output**					**t rise**	**t fall**	**Vcc**	**Icc**
			Freq	**Freq**	**Freq**	**Deviation**	**Jitter**	**Phase**	**B'width**			**Jitter**					**max**	**max**	**Volts**	**mA**
			MHz	**MHz**	**MHz**	**ppm**	° rms	°	**KHz**			°					**nsec**	**nsec**		
AD6816			9.72 or 19.44	155.52	19.44	82	3.5	20	100			2.8° RMS typ					2.1	2.1	+5	95
Fast Ethermet 100 Base TX Transceiver																				
	<<<<<<<<<<Receiver>>>>>>>>>>			**<<<Signal Detect>>**			**Transmitter Line Driver**													
	No	**Equalizer**	**Rise/Fall**	**Trip**	**Release**	**Rise/Fall**	**Output**	**Output**		**Vcc**	**Icc**									
	Data	**Time**	**Time**	**Level**	**Level**	**Time**	**Jitter**	**Current**												
	Run	**Constant**						**Levels**												
	Bit Periods	**msec**	**nsec**	**mV min**	**mV min**	**nsec**	**psec**	**mA**		**Volts**	**mA**									
ADM5104	100	1000	1	200	1000	3 typ	750 typ	0/20/40		5	320									
ADSL																				
AD20MSP910	ADSL CHIPSET, AD6435 modem interface, AD6436 DMT Co-Processor, AD6437 Analog Front End, AD816 Line Driver and Receiver, ADSP2183 Fixed Point DSP																			
Chip Sets																				
MODEL NUMBER	**Description**																			
IS54/IS136	IF BASEBAND CONVERSION, AD7011+AD7013+AD607																			
AD6400	BASE BAND + RADIO CIRCUITRY FOR DECT: AD7011, AD7013, AD607 (GLOSSY)																			
AD6600/6620	DIVERSITY BASE STATION RECEIVER, FOR NEW AIR STANDARDS (GLOSSY)																			
	AD6600	11 BIT, 8 BIT MANTISSA, 3 BIT EXPONENT, 20MSPS, INPUT CAN TRACT 200MHz Signal, DUAL CHANNEL, (D/Range=92dB 30dB Variable Atten.+62dB A/D GAIN RANGING & RSSI, for NARROW BAND APPL.																		
	AD6620	DUAL CHANNEL DECIMATING RECEIVER, 65MHz I or Q, 32.5MHz I&Q, w/COMPLEX NCO, QUADRATURE MIXER, 2 PRGM DECIMATION STAGES																		
AD6640/6620	MULTI-CHANNEL/MULTI-MODE BASE STATION RECEIVER, FOR NEW AIR STANDARDS (GLOSSY)																			
	AD6640	12 BIT, 65MSPS, SFDR=80dB @ 30MHz,DIFF INPUT, +5V @ 90mA, TTL/CMOS output levels, Pins with AD9042 Except for Voffset Pin																		
	AD6620	DUAL CHANNEL DECIMATING RECEIVER, 65MHz I or Q, 32.5MHz I&Q, w/COMPLEX NCO, QUADRATURE MIXER, 2 PRGM DECIMATION STAGES																		
AD20MSP410	GSM BASEBAND PROCESSING CHIPSET: ALG (Algorithm signal Processor=ASCIC Variant of ADSP2176 & ADSP2178, AD-PLP01, Physically Layer Processor=ASCIC +H8300H u/CONTROLLER, BBC, Base Band Converter=AD53/009-9 (AD7																			
AD20MSP415	GSM BASEBAND PROCESSING CHIPSET: AD6421+AD6422, COMES WITH LAYER S/WARE, ALSO AVAILAE OBJECT CODE & LICENSE FOR LAYERS 2&3 OF THE PROCOTOL STACK and USER INTERFACE DEVELOPMENT SYST																			
	AD6421	GSM/DSC1800/PCS1900 VOICE BAND and BASEBAND CODEC, LAYER 1 PROCESSING OF GSM AIR INTERFACE, ENCLUDES OP-AMPS, FILTERS, A/D & D/A FOR VOICE,BASEBAND, AGC/AFC CONTROL & POWER																		
	AD6422	GSM PROCESSOR, ADSP2181 + uCONTROLLER + 16 BIT CODEC, PART OF AD20MSP415 CHIP SET																		